

# EXHIBIT B

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/AU01/00560

### A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: F01B 11/04; F01L 11/02; F02B 71/04

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Derwent World Patent Index : IPC:F01B 11/-, F02B 71/-, F01L 11/- with keywords : free-piston, free, combustion, valve

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 93/11352 A (DUKHOVLINOV) 10 June 1993 Whole document	
A	US 5775273 A (BEAL) 7 July 1998 Whole document	
A	DE 4344915 A (HILT) 6 JULY 1995 Whole document	

☐ Further documents are listed in the continuation of Box C ☒ See patent family annex

#### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier application or patent but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search

27 June 2001

Date of mailing of the international search report

3 July 2001

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INTERNATIONAL SEARCH REPORT  
Information on patent family members

International application No.  
PCT/AU01/00560

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
WO	9311352	AU	22325/92				
US	5775273	AU	80679/98	BR	9810395	EP	993548
		WO	9901651	US	6035637	AU	27837/99
		BR	9908237	EP	1058779	WO	9943936
		AU	49627/99	WO	200001933		
DE	4344915	NONE					
END OF ANNEX							

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